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Filed: October 10, 2000
Title: Communication in a Wireless Communications Network when a Mobile Computer...
Attorney: William P. Wilbar
Sierra Patent Group, Ltd.

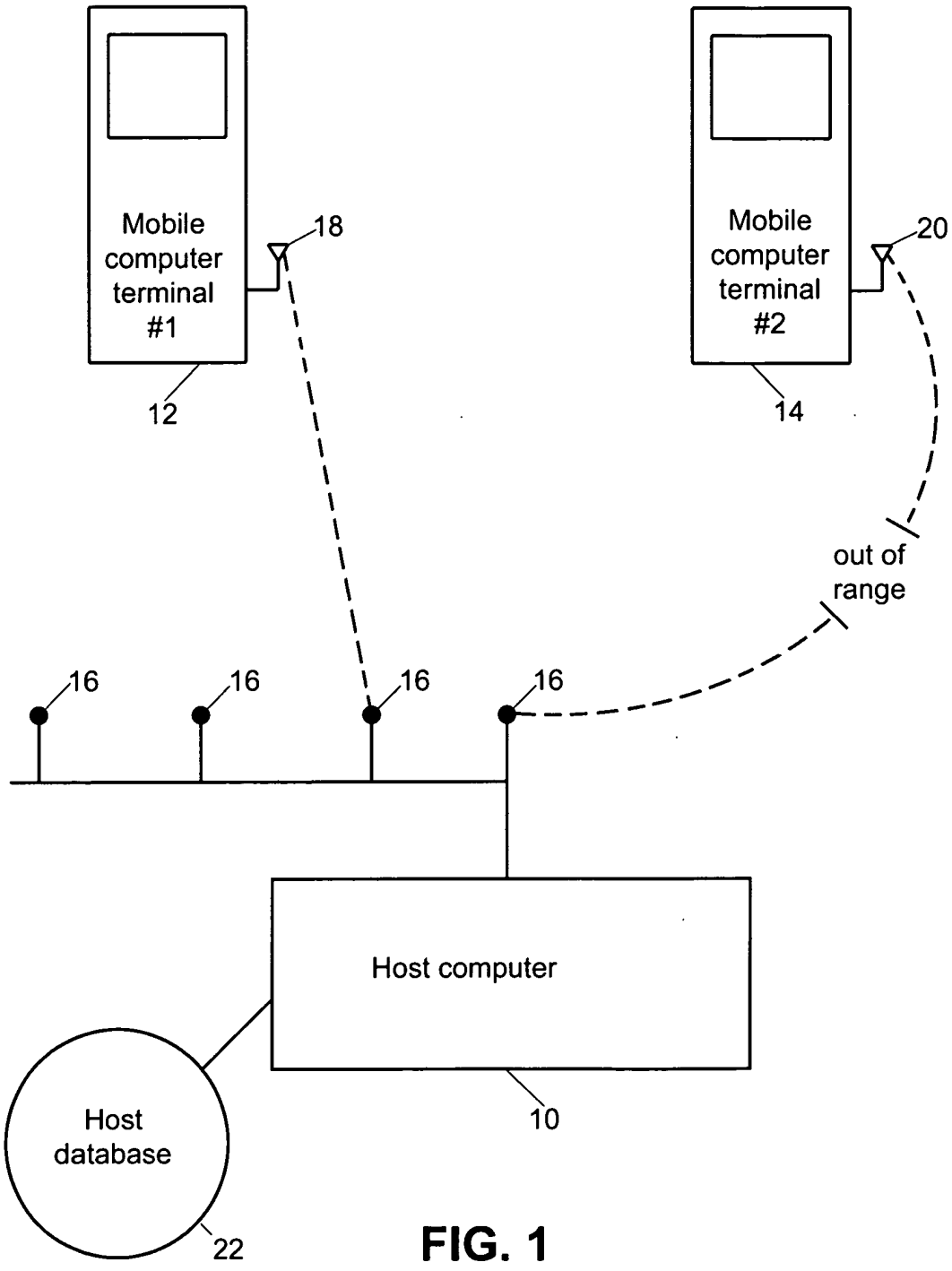

FIG. 1

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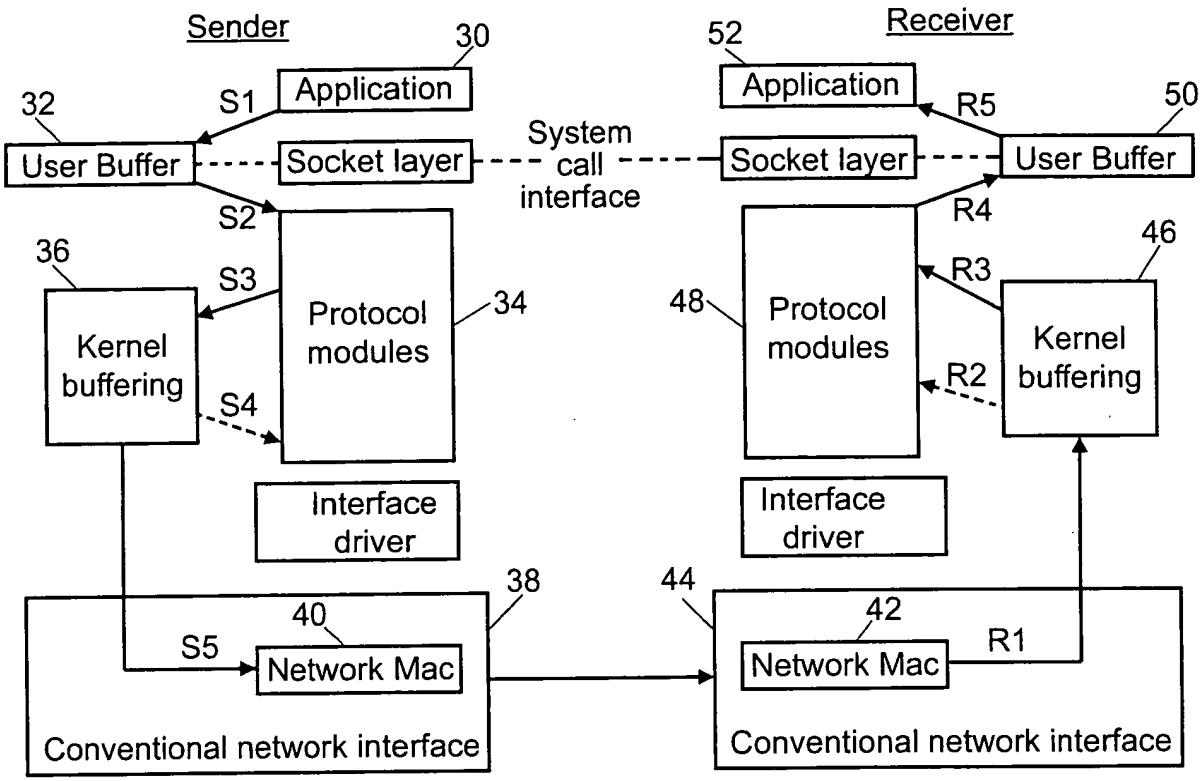

FIG. 2

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Hex	Dec			
0	0	Ethernet Header (14 bytes)	01	Target Ethernet Address (6 bytes)
1	1		02	
2	2		03	
3	3		04	
4	4		05	
5	5		06	
6	6		07	Source Ethernet Address (6 bytes)
7	7		08	
8	8		09	
9	9		0a	
a	10		0b	
b	11		0c	
c	12		08	Protocol Type (0x0800=IP)
d	13		00	
e	14	IP Header (20 bytes)	45	Version=4, IP Header Len (Words)=5
f	15		00	Service Type
10	16		00	Total Length=0x001d(29 bytes:20 byte IPHeader
11	17		1d	plus 8-byte UDP header plus 1-byte user data
12	18		eo	Datagram Id=0xe0a1
13	19		a1	
14	20		40	Flag 0x4 DO_NOT_FRAGMENT
15	21		00	Fragment Offset=0x000
16	22		40	Time-to-Live=0x40
17	23		11	IP Protocol=0x11(UDP)
18	24		da	IP Header Checksum=0xda1b
19	25		1b	
1a	26		80	IP Address of Source=128.1.192.7
1b	27		01	
1c	28		c0	
1d	29		07	
1e	30		80	IP Address of Destination=128.1.192.8
1f	31		01	
20	32		c0	
21	33		08	
22	34	UDP Header (8 bytes)	00	Source Port=0x0007 (echo datagram)
23	35		07	
24	36		30	Destination Port=0x3018
25	37		18	
26	38		00	UDP Length=0x0009 (8-byte UDP Header plus
27	39		09	1-byte user data)
28	40		0c	UDP Checksum=0x0cf8
29	41		f8	
2a	42	User Data (Variable)	67	1 byte user datagram="g"

60

62

FIG. 3

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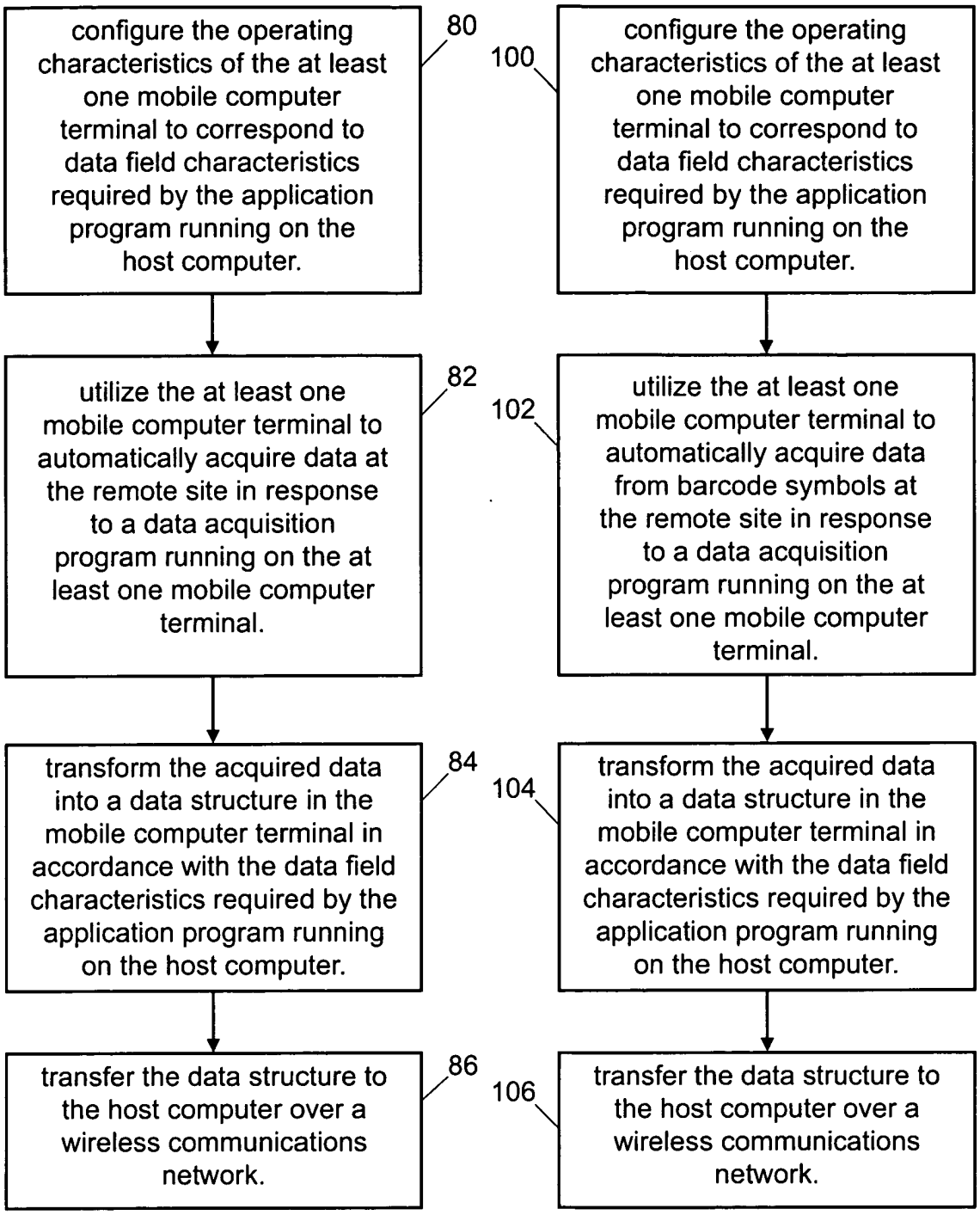

FIG. 4

FIG. 5

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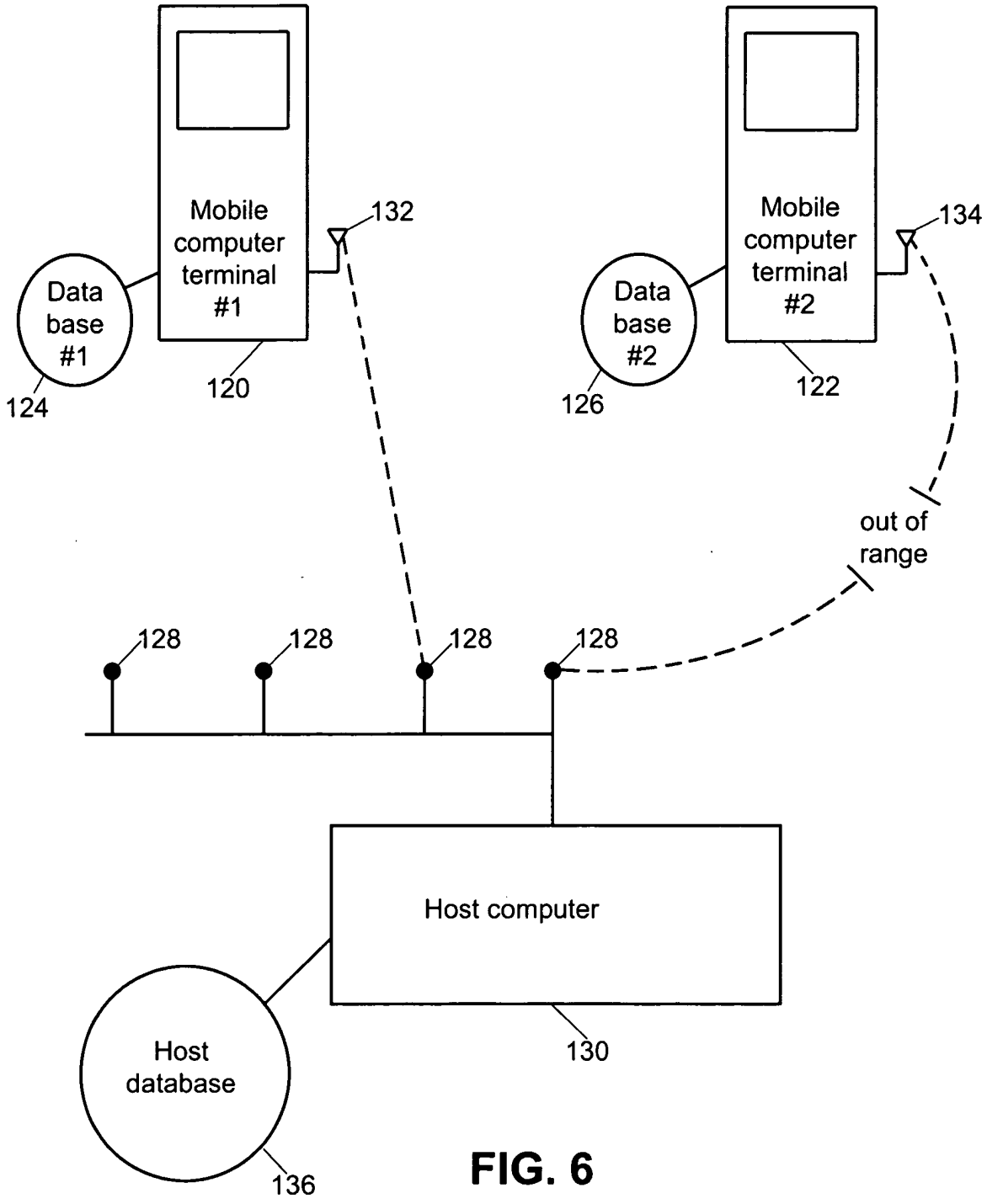

FIG. 6

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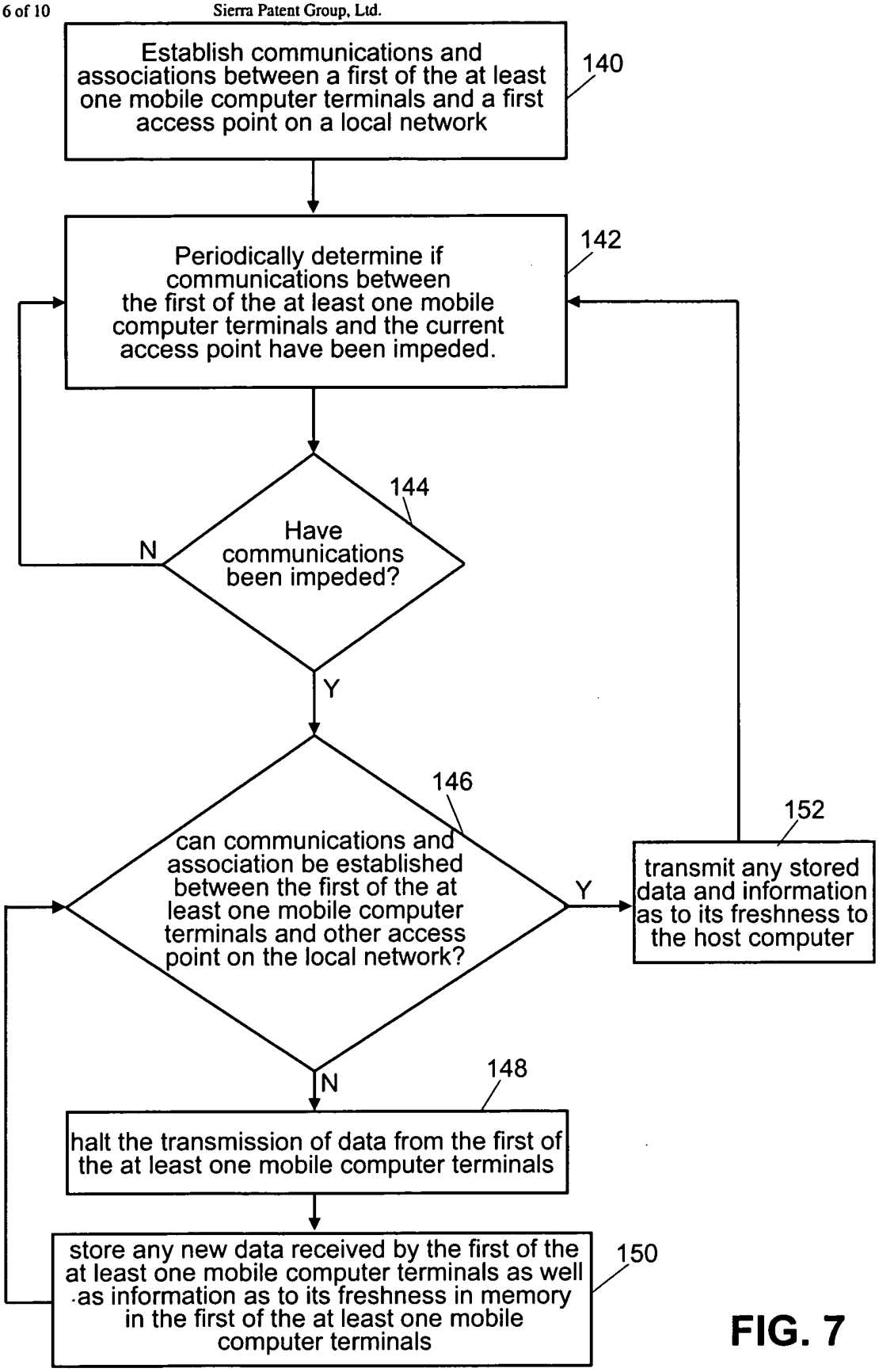

FIG. 7

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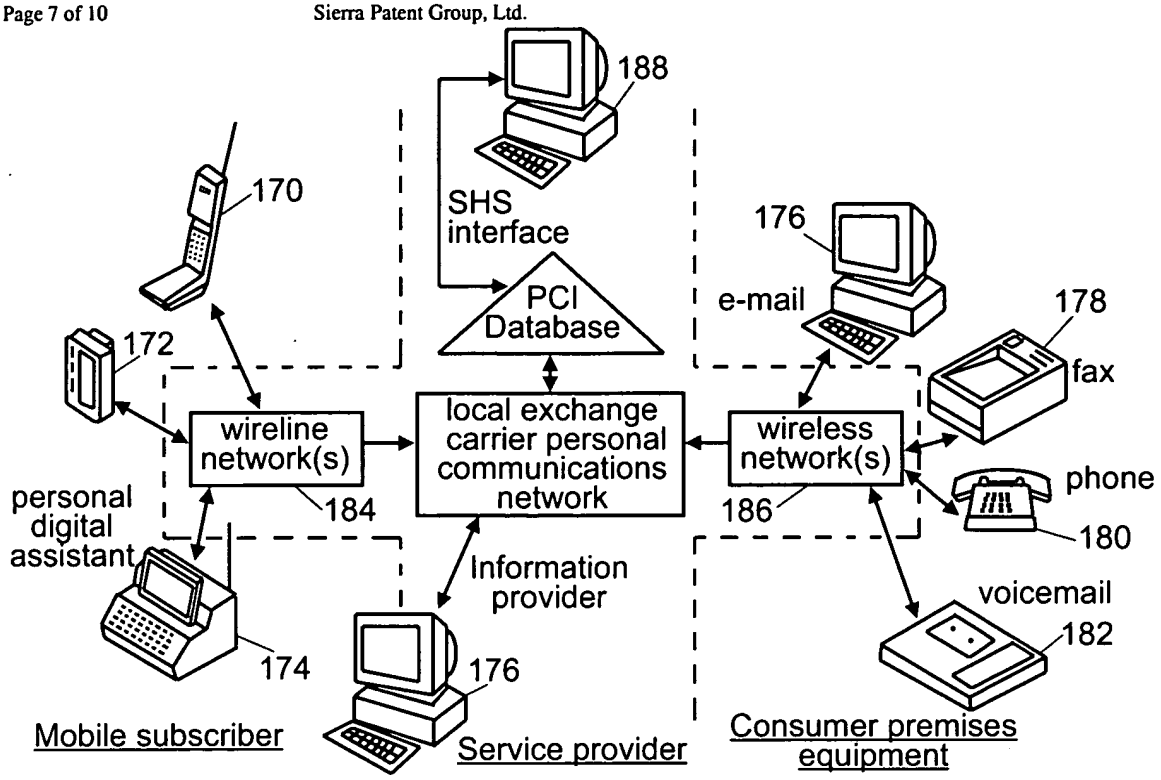

FIG. 8

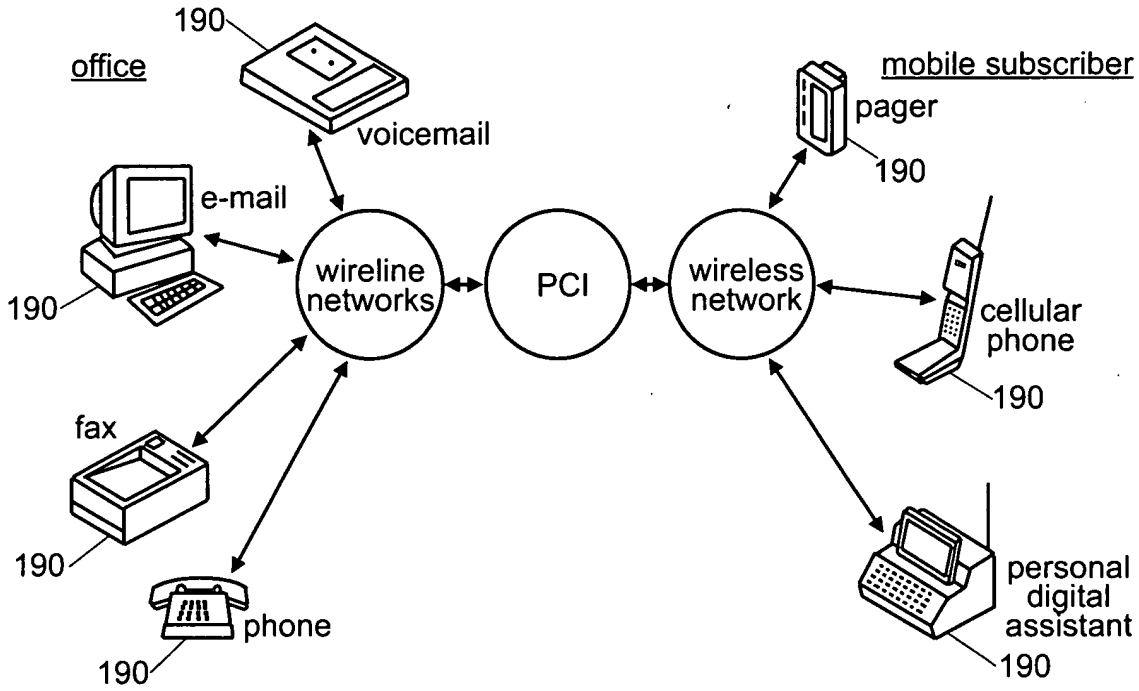

FIG. 9

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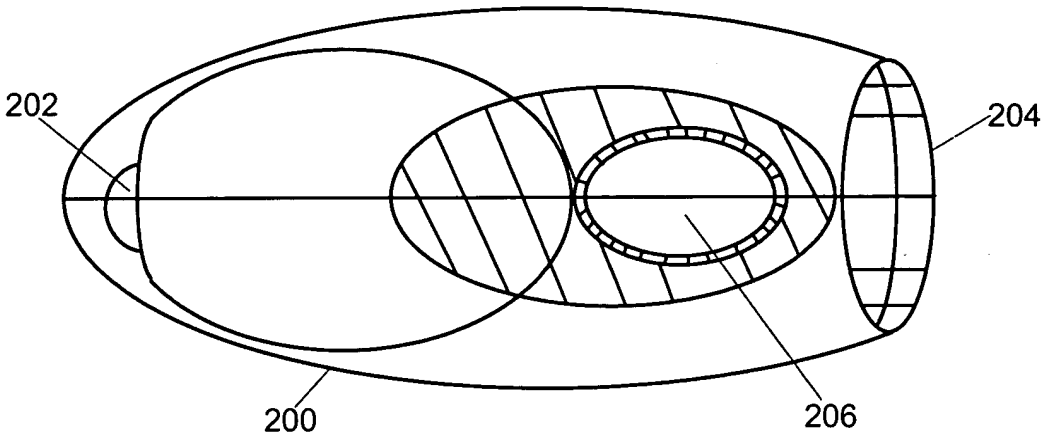

FIG. 10A

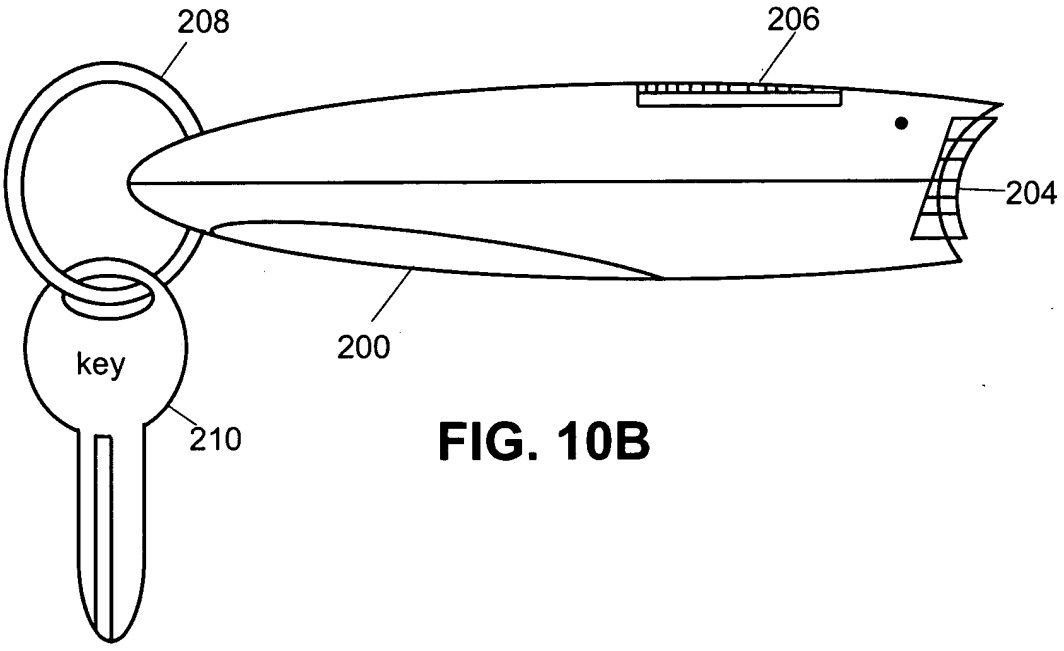

FIG. 10B

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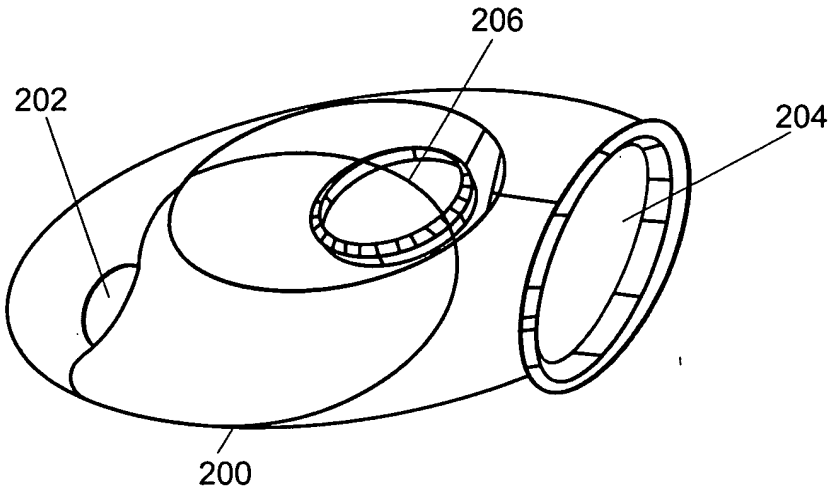

FIG. 10C

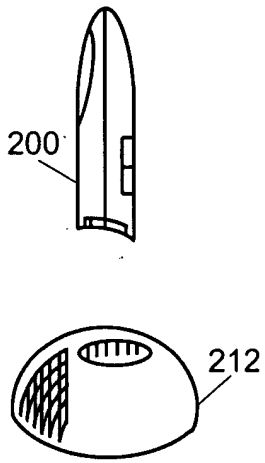

FIG. 11

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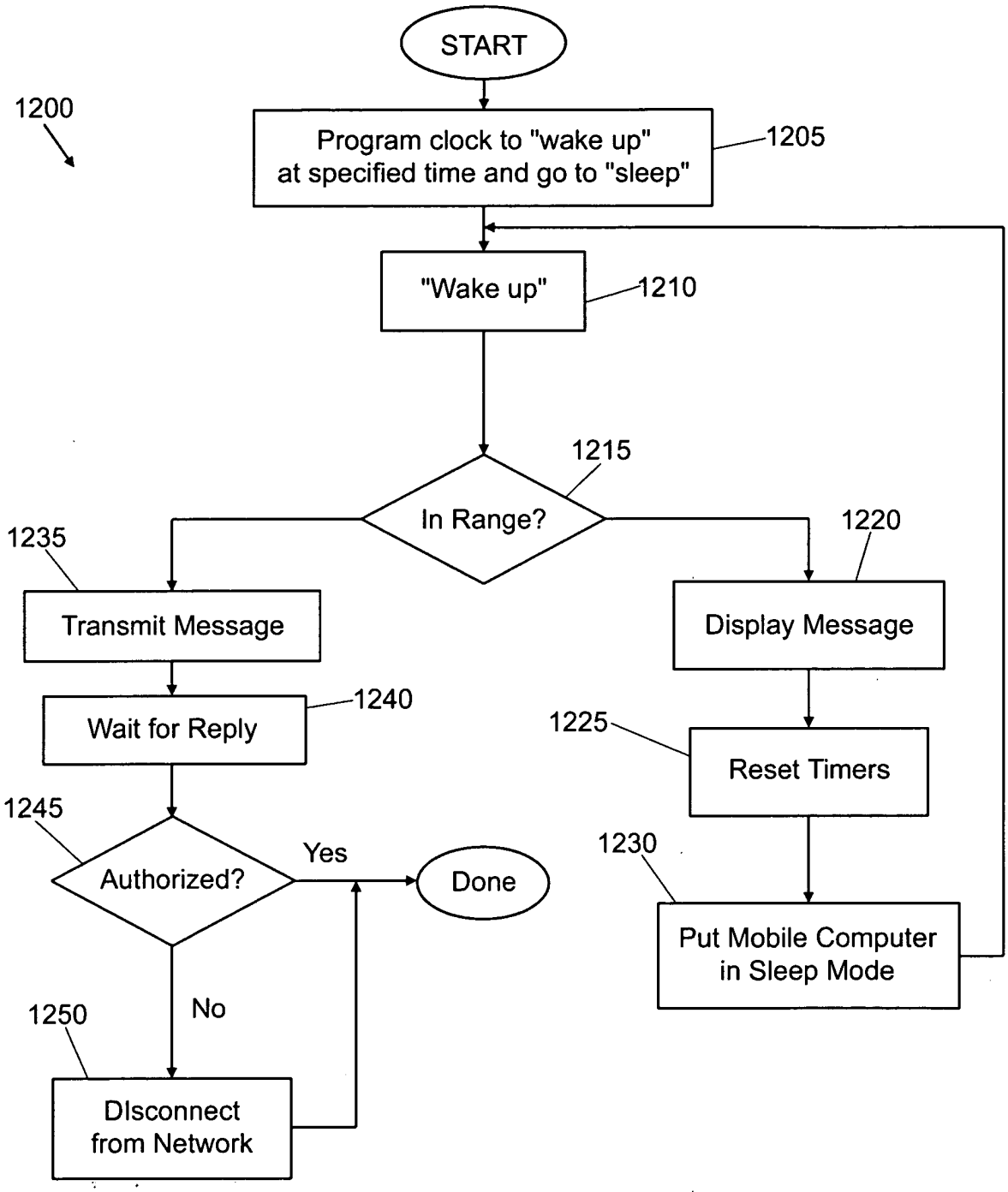

FIG. 12